

GR 99 P 2378



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

Applicant : Xiaopin Zhang et al.  
Appl. No. : 09/624,438  
Filed : July 24, 2000  
Title : Controlable Current Source Circuit and  
Phase Locked Loop Equipped Therewith  
Examiner : Linh M. Nguyen Group Art Unit : 2816

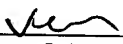
REQUEST TO APPROVE DRAWING CHANGES

Hon. Commissioner of Patents and Trademarks,  
Washington, D. C. 20231

Sir:

Please approve the drawing changes, which are marked in red on the accompanying informal drawings. More specifically, descriptive labels have been added to the boxes of Fig. 1. In addition, a formal copy of each changed drawing is enclosed.

Respectfully submitted,

 Ponugoti  
For Applicant  
VRP:cgm

Ven R. Ponugoti  
Reg. No.51,052

Date: September 19, 2002

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Abstract of the Disclosure:

A controllable current source circuit and a phase locked loop containing such a circuit are disclosed. The current source circuit has a single switched driver stage for a switched actuation of the loop filter. A continuously switched-on driver stage is introduced into one of several paths of the current source circuit, so that a continuously weaker current is drawn by the loop filter. The currents are preferably stabilized via a current mirror circuit.

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FIG 1

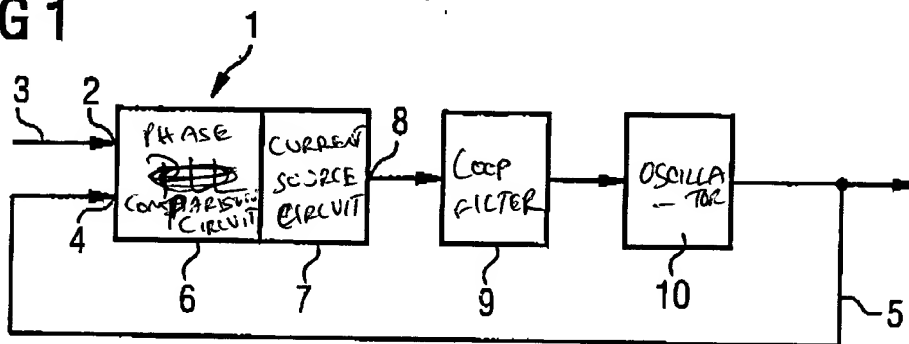
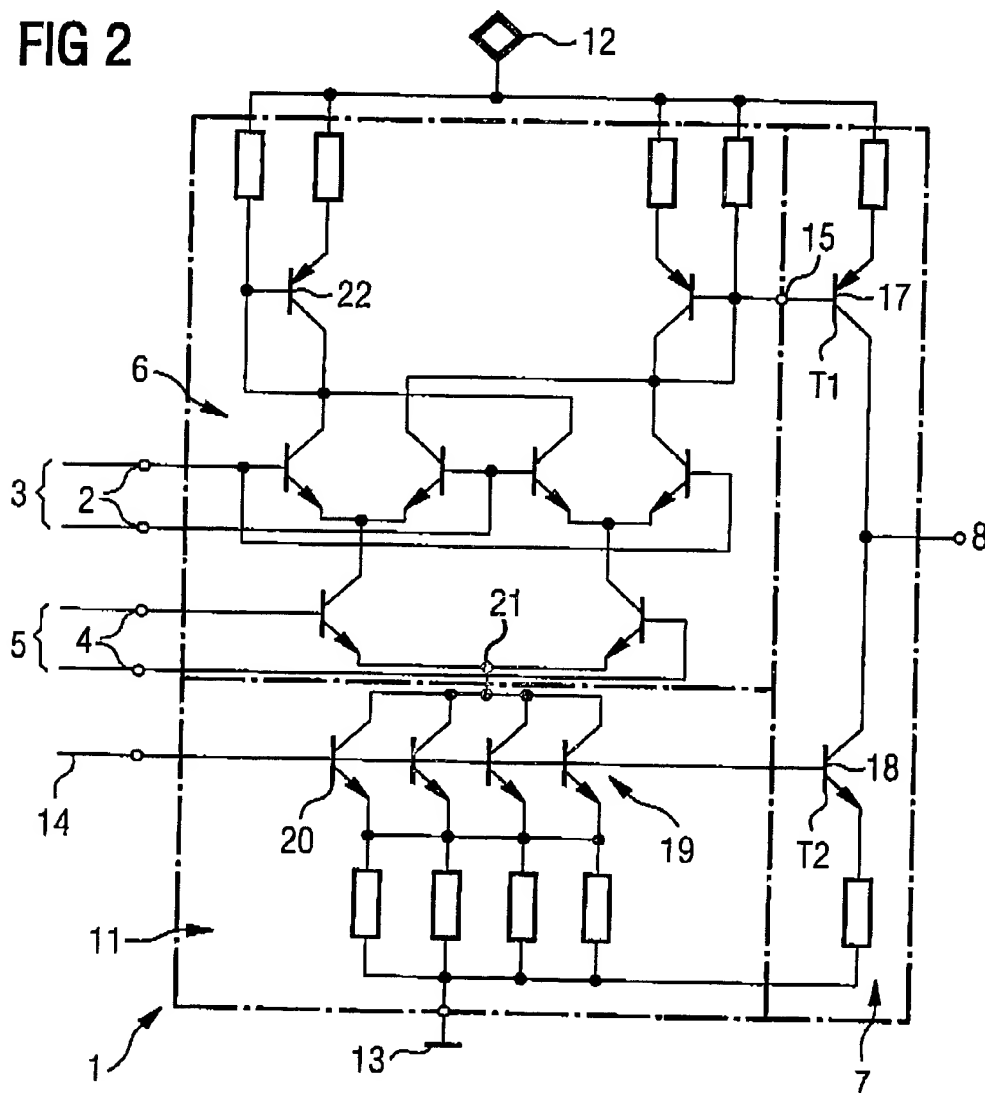


FIG 2



Approved by  
Examiner  
12/12/02

1/1

FIG 1

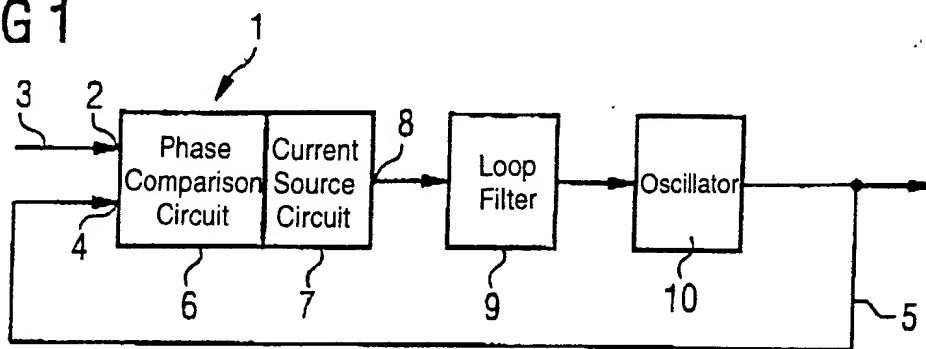


FIG 2

